

DECLARATION and
POWER OF ATTORNEYAttorney's Docket Number
NN-0239

As a below-named inventor, I declare that I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed in the specification identified below and for which a patent is sought on the invention as titled therein. I hereby state that I have reviewed and understand the contents of said specification including the claims, as amended by any amendment referred to herein. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a).

100

Full Name of Inventor ¹	Last Name CARNEY	First Name WALTER	Middle Name PATRICK
Residence & Citizenship	Ca.	State or Foreign Country Massachusetts	Country of Citizenship United States of America
Post Office Address	14 Bay State Road	City North Andover	Zip Code 01845
Full Name of Inventor ²	Last Name MARKS	First Name PAULA	Middle Name JEAN
Residence & Citizenship	Ca. Maynard	State or Foreign Country Massachusetts	Country of Citizenship United States of America
Post Office Address	Post Office Address 107 Concord Street	City Maynard	Zip Code 01754
Full Name of Inventor ³	Last Name MAZZARA	First Name GAIL	Middle Name PATRICIA
Residence & Citizenship	Ca. Winchester	State or Foreign Country Massachusetts	Country of Citizenship United States of America
Post Office Address	Post Office Address 10 Manchester Road	City Winchester	Zip Code 01890
Title of the Invention:	DETECTION AND QUANTIFICATION OF NEU RELATED PROTEINS IN THE BIOLOGICAL FLUIDS OF HUMANS		

Patent specification attached

Patent specification was filed on September 29, 1989 as U.S. application Serial No. 07/412,668 and was amended on _____

No earlier-filed foreign applications of which priority benefit is claimed.

Required information as to earlier-filed foreign applications of which priority benefit is claimed appears on page 2 attached

No earlier-filed U.S. applications of which priority benefit is claimed.

Required information as to earlier-filed U.S. applications of which priority benefit is claimed appears on page 2 attached.

4

POWER OF ATTORNEY: The power to prosecute this application and transact all business in the Patent and Trademark Office connected therewith is hereby granted to the following attorney(s) agent(s):

name Lynne M. Christenbury	Registration Number 30,971
name Hoge T. Sutherland	Registration Number 20,010

Send correspondence and direct telephone calls to: Lynne M. Christenbury	Patent Division Legal Department E. I. du Pont de Nemours & Co. Wilmington, DE 19898	Tel. No. (302) 992-5481
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I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor Walter Patrick Carney	Signature of Inventor Date 11-18-89	Signature of Inventor Date
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Full Name of Inventor ¹	Last Name CARNEY	First Name WALTER	State or Country Massachusetts	State or Country Massachusetts	State or Country United States of America
Residence & Citizenship	City North Andover	City North Andover	City North Andover	City North Andover	City North Andover
Post Office Address	Post Office Address 14 Bay State Road	Post Office Address MA	Post Office Address MA	Post Office Address MA	Post Office Address MA
Full Name of Inventor ²	Last Name MARKS	First Name PAULA	State or Foreign Country Massachusetts	State or Country Massachusetts	State or Country United States of America
Residence & Citizenship	City Maynard	City Maynard	City Maynard	City Maynard	City Maynard
Post Office Address	Post Office Address 107 Concord Street	Post Office Address GAIL	Post Office Address Massachusetts	Post Office Address Massachusetts	Post Office Address Massachusetts
Full Name of Inventor ³	Last Name MAZZARA	First Name MAZZARA	State or Foreign Country Massachusetts	State or Country Massachusetts	State or Country United States of America
Residence & Citizenship	City Winchester	City Winchester	City Winchester	City Winchester	City Winchester
Post Office Address	Post Office Address 10 Manchester Road	Post Office Address DET ECTION AND QUANTIFICATION OF NEU RELATED PROTEINS IN THE BIOLOGICAL FLUIDS OF HUMANS	Post Office Address 01890	Post Office Address 01890	Post Office Address 01754
Title of the Invention:	DET ECTION AND QUANTIFICATION OF NEU RELATED PROTEINS IN THE BIOLOGICAL FLUIDS OF HUMANS				

Patent specification attached

Patent specification was filed on September 29, 1989 as U.S. application Serial No. 07/412,668 and was amended on 14 applications.

No earlier-filed foreign applications of which priority benefit is claimed.

Required information as to earlier-filed foreign applications of which priority benefit is claimed appears on page 2 attached

No earlier-filed U.S. applications of which priority benefit is claimed.

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Lynne M. Christenbury Hoge T. Sutherland	Registration Number 30,971 20,010
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Send correspondence and direct telephone calls to: Lynne M. Christenbury	Patent Division Legal Department E. I. du Pont de Nemours & Co. Wilmington, DE 19898	Tel. No. (302) 992-5481
--	---	-----------------------------------

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 101 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor: <i>Jeanne Jean Marks</i>	Signature of Inventor: <i>Jeanne Jean Marks</i>	Signature of Inventor: <i>Jeanne Jean Marks</i>
Date <i>4/17/89</i>	Date <i>4/17/89</i>	Date

DECLARATION and
POWER OF ATTORNEY

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As a below-named inventor, I declare that I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed in the specification identified below and for which a patent is sought on the invention as titled therein. I hereby state that I have reviewed and understand the contents of said specification including the claims, as amended by any amendment referred to herein. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a).

Full Name of Inventor ¹	Last Name CARNEY	First Name WALTER	Mode Name PATRICK
Residence & Citizenship	Ca, North Andover	State or Foreign Country Massachusetts	Country of Citizenship United States of America
Post Office Address	Post Office Address 14 Bay State Road	City North Andover	Zip Code 01845
Full Name of Inventor ²	Last Name MARKS	First Name PAULA	Mode Name JEAN
Residence & Citizenship	Ca, Maynard	State or Foreign Country Massachusetts	Country of Citizenship United States of America
Post Office Address	Post Office Address 107 Concord Street	City Maynard	Zip Code 01754
Full Name of Inventor ³	Last Name MAZZARA	First Name GAIL	Mode Name PATRICIA
Residence & Citizenship	Ca, Winchester	State or Foreign Country Massachusetts	Country of Citizenship United States of America
Post Office Address	Post Office Address 10 Manchester Road	City Winchester	Zip Code 01890
Title of the Invention:	DETECTION AND QUANTIFICATION OF NEU RELATED PROTEINS IN THE BIOLOGICAL FLUIDS OF HUMANS		

Patent specification attached

Patent specification was filed on September 29, 1989 as U.S. application Serial No. 07/412,668 and was amended on _____

No earlier-filed foreign applications of which priority benefit is claimed.

Required information as to earlier-filed foreign applications of which priority benefit is claimed appears on page 2 attached.

No earlier-filed U S applications of which priority benefit is claimed.

Required information as to earlier-filed U S applications of which priority benefit is claimed appears on page 2 attached.

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Lynne M. Christenbury Hoge T. Sutherland	Registration Number 30,971 20,010
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Send correspondence and direct telephone calls to:

Lynne M. Christenbury

Patent Division
Legal Department
E. I. du Pont de Nemours & Co.
Wilmington, DE 19898

Tel. No.
(302) 992-5481

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Signature of inventor:

Signature of inventor:

Signature of inventor:
Jane Patricia Maggara

Date:

Date:

Date:

11-17-89

**DECLARATION AND
POWER OF ATTORNEY**

NN-0239

As a below-named inventor, I declare that I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed in the specification identified below and for which a patent is sought on the invention as titled therein. I hereby state that I have reviewed and understand the contents of said specification including the claims, as amended by any amendment referred to herein. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a).

Full Name of Inventor	Last Name <u>MCKENZIE</u>	First Name <u>SARA</u>	Mode Name <u>JANE</u>
Residence & Citizenship	City <u>Cty</u>	State or Foreign Country <u>Massachusetts</u>	Country of Citizenship <u>United States of America</u>
Post Office Address	Post Office Address <u>201 Ocean Street</u>	City <u>Lynn</u>	Zip Code <u>01902</u>
Full Name of Inventor	Last Name <u>MORGAN</u>	First Name <u>JONATHAN</u>	Mode Name <u>HART</u>
Residence & Citizenship	City <u>Camden</u>	State or Foreign Country <u>Maine</u>	Country of Citizenship <u>United States of America</u>
Post Office Address	Post Office Address <u>33 Union Street</u>	City <u>Camden</u>	Zip Code <u>04843</u>
Full Name of Inventor	Last Name <u>PETIT</u>	First Name <u>DEBRA</u>	Mode Name <u>ANN</u>
Residence & Citizenship	City <u>c.</u>	State or Foreign Country <u>Massachusetts</u>	Country of Citizenship <u>United States of America</u>
Post Office Address	Post Office Address <u>West Bridgewater</u>	City <u>West Bridgewater</u>	Zip Code <u>02379</u>
Title of the Invention:	DETECTION AND QUANTIFICATION OF NEU RELATED PROTEINS IN THE BIOLOGICAL FLUIDS OF HUMANS		

Patient specification attached

Patent specification was filed on September 29, 1989 as U.S. application Serial No. 07/412,668 and
was amended on ---.

No earlier-filed foreign applications of which priority benefit is claimed.

Required information as to earlier-filed foreign applications of which priority benefit is claimed appears on page 2 attached.

No earlier filed U.S. applications of which priority benefit is claimed.

Required information as to earlier-filed U.S. applications of which priority benefit is claimed appears on page 8 attached.

POWER OF ATTORNEY: The power to prosecute this application and transact all business in the Patent and Trademark Office connected therewith is hereby granted to the following attorney(s) agent(s):

Lynne M. Christenbury Registration Number 30,971
Hoge T. Sutherland 20,010

Send correspondence and direct telephone calls to:

REFERENCES

30,971

20,010

Tel. No.
(302) 992-5481

Lynne M. Christenbury

**Patent Division
Legal Department
E. I. du Pont de Nemours & Co.
Wilmington, DE 19898**

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Director:	Signature of Director:	Signature of Director:
 Date 11/13/89	Signature of Director: SP: Date	Signature of Director: Date

DECLARATION and
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Full Name of Inventor ¹	Last Name McKENZIE	First Name SARA	Middle Name JANE
Residence & Citizenship	Cty Lynn	State or Foreign Country Massachusetts	Country of Citizenship United States of America
Post Office Address	Post Office Address 201 Ocean Street	City Lynn	Zip Code 01902
Full Name of Inventor ²	Last Name MORGAN	First Name JONATHAN	Middle Name HART
Residence & Citizenship	Cty Camden	State or Foreign Country Maine	Country of Citizenship United States of America
Post Office Address	Post Office Address 33 Union Street	City Camden	Zip Code 04843
Full Name of Inventor ³	Last Name PETIT	First Name DEBRA	Middle Name ANN
Residence & Citizenship	Cty West Bridgewater	State or Foreign Country Massachusetts	Country of Citizenship United States of America
Post Office Address	Post Office Address 179 Crescent Street	City West Bridgewater	Zip Code 02379
Title of the Invention:	DETECTION AND QUANTIFICATION OF NEU RELATED PROTEINS IN THE BIOLOGICAL FLUIDS OF HUMANS		

Patent specification attached

Patent specification was filed on September 29, 1989 as U.S. application Serial No. 07/412,668 and was amended on 10/09/89.

No earlier-filed foreign applications of which priority benefit is claimed.

Required information as to earlier-filed foreign applications of which priority benefit is claimed appears on page 2 attached.

No earlier-filed U.S. applications of which priority benefit is claimed.

Required information as to earlier-filed U.S. applications of which priority benefit is claimed appears on page 3 attached.

POWER OF ATTORNEY: The power to prosecute this application and transact all business in the Patent and Trademark Office connected therewith is hereby granted to the following attorney(s) agent(s):

Lynne M. Christenbury Hoge T. Sutherland	Registration Number 30,971 20,010
---	---

Send correspondence and direct telephone calls to: Lynne M. Christenbury	Patent Division Legal Department E. I. du Pont de Nemours & Co. Wilmington, DE 19898	Tel. No. (302) 992-5481
---	---	----------------------------

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Signature of Inventor:	Signature of Attorney:	Signature of Inventor:
Date: 11/20/89		Date:

**DECLARATION and
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NN-0239

As a below-named inventor, I declare that I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed in the specification identified below and for which a patent is sought on the invention as titled therein. I hereby state that I have reviewed and understand the contents of said specification including the claims, as amended by any amendment referred to herein. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a).

Full Name of Inventor ¹	Last Name MCKENZIE	First Name SARA	Middle Name JANE
Residence & Citizenship	City Lynn	State or Foreign Country Massachusetts	Country of Citizenship United States of America
Post Office Address	Post Office Address 201 Ocean Street	City Lynn	Zip Code 01902
Full Name of Inventor ²	Last Name MORGAN	First Name JONATHAN	Middle Name HART
Residence & Citizenship	City Camden	State or Foreign Country Maine	Country of Citizenship United States of America
Post Office Address	Post Office Address 33 Union Street	City Camden	Zip Code 04843
Full Name of Inventor ³	Last Name PETIT	First Name DEBRA	Middle Name ANN
Residence & Citizenship	City West Bridgewater	State or Foreign Country Massachusetts	Country of Citizenship United States of America
Post Office Address	Post Office Address 179 Crescent Street	City West Bridgewater	Zip Code 02379
Title of the Invention: DETECTION AND QUANTIFICATION OF NEU RELATED PROTEINS IN THE BIOLOGICAL FLUIDS OF HUMANS			

Patent specification attached.

Patent specification was filed on September 29, 1989 as U.S. application Serial No. 07/412,668 and was amended on _____

(if applicable)

No earlier-filed foreign applications of which priority benefit is claimed.

Required information as to earlier-filed foreign applications of which priority benefit is claimed appears on page 2 attached.

No earlier-filed U.S. applications of which priority benefit is claimed.

Required information as to earlier-filed U.S. applications of which priority benefit is claimed appears on page 3 attached.

POWER OF ATTORNEY: The power to prosecute this application and transact all business in the Patent and Trademark Office connected therewith is hereby granted to the following attorney(s) agent(s):

name Lynne M. Christenbury	Registration Number 30,971
name Hoge T. Sutherland	Registration Number 20,010

Send correspondence and direct
telephone calls to:

Lynne M. Christenbury

Patent Division
Legal Department
E.I. du Pont de Nemours & Co.
Wilmington, DE 19898

Tel. No.
(302) 992-5481

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor ¹	Signature of Inventor ²	Signature of Inventor ³
_____ Date	_____ Date	_____ Debra Rose Petit 11/17/89

NN-0239

**DECLARATION and
POWER OF ATTORNEY**

As a below-named inventor, I declare that I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed in the specification identified below and for which a patent is sought on the invention as titled therein. I hereby state that I have reviewed and understand the contents of said specification including the claims, as amended by any amendment referred to herein. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a).

700

Full Name of Inventor ¹	Last Name <u>WEINBERG</u>	First Name <u>ROBERT</u>	Middle Name <u>ALLAN</u>
Residence & Citizenship	City <u>Brookline</u>	State or Foreign Country <u>Massachusetts</u>	Country of Citizenship <u>United States of America</u>
Post Office Address	Post Office Address <u>25 Copley Street</u>	City <u>Brookline</u>	Zip Code <u>02146</u>
Full Name of Inventor ²	Last Name	First Name	Middle Name
Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
Post Office Address	Post Office Address	City	State or Country
Full Name of Inventor ³	Last Name	First Name	Middle Name
Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
Post Office Address	Post Office Address	City	State or Country

Title of the Invention: **DETECTION AND QUANTIFICATION OF NEU RELATED PROTEINS IN THE BIOLOGICAL FLUIDS OF HUMANS**

Patent specification attached

Patent specification was filed on September 29, 1989 as U.S. application Serial No. 07/412,668 and was amended on _____ (if applicable)

No earlier-filed foreign applications of which priority benefit is claimed.

Required information as to earlier-filed foreign applications of which priority benefit is claimed appears on page 2 attached.

No earlier-filed U.S. applications of which priority benefit is claimed.

Required information as to earlier-filed U.S. applications of which priority benefit is claimed appears on page 2 attached.

POWER OF ATTORNEY: The power to prosecute this application and transact all business in the Patent and Trademark Office connected therewith is hereby granted to the following attorney(s) agent(s):

Name: Lynne M. Christenbury
Hoge T. Sutherland

Registration Number:
30,971
20,010

Send correspondence and direct telephone calls to:

Lynne M. Christenbury

Patent Division
Legal Department
E. I. du Pont de Nemours & Co.
Wilmington, DE 19898

Tel. No.
(302) 992-5481

Signature of Inventor:

Date:

11/17/89

Signature of Inventor:

Date:

Signature of Inventor:

Date:

Signature of Inventor:	Signature of Inventor:	Signature of Inventor:
Date:	Date:	Date:

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Required information as to earlier-filed foreign applications of which priority benefit is claimed.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Country	Application No.	Filing Date	Priority Claimed (Yes-No)
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 Required information as to earlier-filed U.S. applications of which priority benefit is claimed.

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Application Serial No.	U.S. Filing Date	Status (patented, pending or abandoned)
06/871,102	June 4, 1986	Pending
07/182,501	April 18, 1988	Pending
07/297,188	January 13, 1989	Pending